

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,882,764 B1  
APPLICATION NO. : 10/646422  
DATED : April 19, 2005  
INVENTOR(S) : Deng et al.

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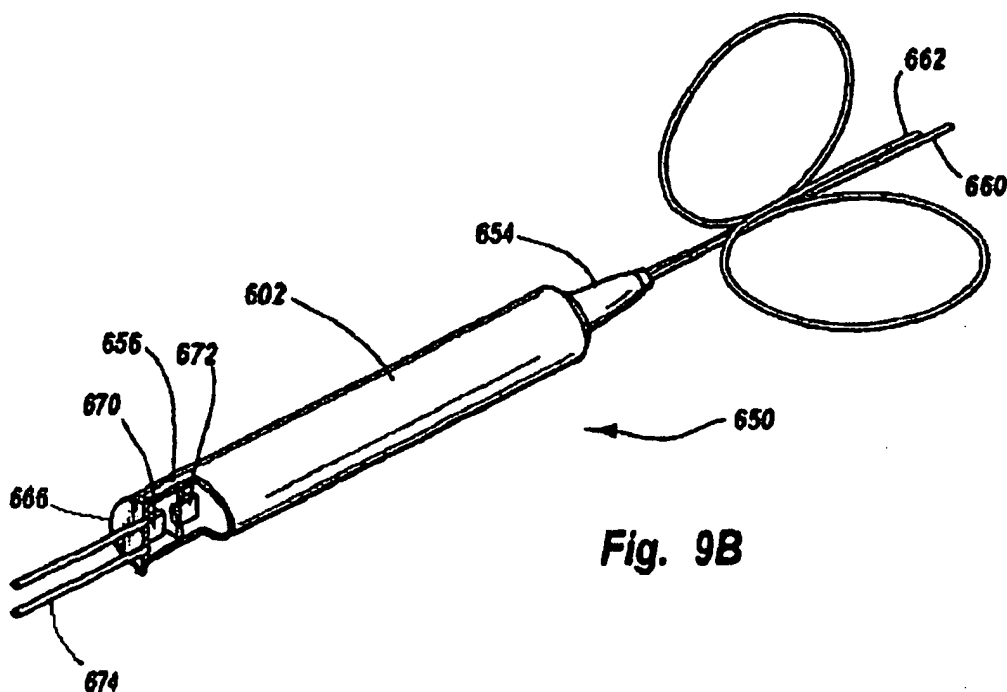
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page,

Item (56), under "OTHER PUBLICATIONS", line 5, change "Augusy" to --August--  
Item (56), under "OTHER PUBLICATIONS", line 6, change  
"articlesearch/aug1998mj.htm," to --articlesearch/aug1998mj.html,--

Drawings

Replace FIG. 9B with the figure depicted herein below, wherein a new reference of "666" has been added and the original "666" has been changed to --674--



**Fig. 9B**

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 12, change "birefringence" to --birefringent--  
Lines 21-22, change "birefringence" to --birefringent--  
Line 36, change "signal" to --signals--  
Line 37, change "lesser" to --less--  
Line 67, change "theses" to --these--

Column 3,

Lines 39-40, before "the wave guide optical amplifier shown in FIG. 7A;" remove "the wave guide optical amplifier shown in FIG. 7A;"

Column 6,

Line 32, before "are not reflected" change "so" to --therefore--  
Line 55, remove "406"  
Line 56, remove "406"

Column 7,

Line 9, remove "406"  
Line 15, change "ill" to --will--  
Line 32, remove "406"  
Line 64, change "450 shift" to --45° shift--

Column 8,

Line 4, change "450 in one direction" to --45° in one direction--  
Line 13, change "414B" to --414A--  
Line 56, remove "506"  
Line 57, remove "506"

Column 9,

Line 10, remove "506"  
Line 16, change "ill" to --will--  
Line 20, change "birefringence" to --birefringent--  
Line 21, change "birefringence" to --birefringent--  
Line 21, remove "506"  
Line 34, remove "506"

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Column 10,

Line 5, change "450" to --45°--  
Line 13, change "514B" to --514A--  
Line 53, change "housing 652" to --housing 602--  
Lines 54-55, change "housing 652" to --housing 602--  
Line 57, change "housing 652." to --housing 602.--

Column 11,

Line 27, after "output port" remove "and"  
Line 41, after "first beam" change "has" to --having--  
Line 42, after "second beam" change "has" to --having--

Column 12,

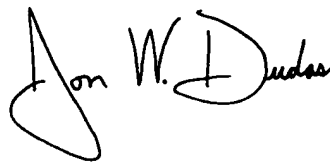
Line 48, before "second pair" insert --a--

Column 13,

Line 17, change "orientate" to --oriented--

Signed and Sealed this

Twenty Second Day of April, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*